Condition variables, Southern Forest Resource Assessment (SFRA) data base (DB),
Tennessee 1999. Draft: December 14, 2000 by Vic Rudis, USDA-FS-SRS-FIA
Details of items 1 through 5, 7 through 37 are in GTR-NC-151 (EW), except as noted below.

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Sequence	SFRA DB	Brief description
1	RECTYP	Record type=20 Plot-level data
2	STATE	State Federal Information Processing Standard (FIPS) code
3	UNIT	USDA Forest Service, Forest Inventory and Analysis (FIA) Unit code
4	COUNTY	County FIPS code
5	PLTNUM	Plot number
6	CNDTN	Condition: 1 through 5
7	OWNER	Owner class (40 Farmer omitted), codes 9, 11-16, 20, 60, 70, 0 otherwise
		9 National Park, 11-20 as on EW, 60 NonInd.(NI) Corporate Forest, 70 NI Private
8	TYPCUR	Detailed forest type, same as on EW, 0 otherwise
9	TYPOLD	Detailed past forest type, same as on EW, 0 otherwise
10	STDAGE	Stand age, same as on EW, no "mixed" ages, -9 otherwise
11	STDSIZE	Stand diameter (size) class as on EW, -9 otherwise
12	STORCUR	Stand origin as on EW, 0 otherwise
13	STOROLD	Stand origin prior survey as on EW, 0 otherwise
14	SITECL	Site productivity code 1 (highest) to 7 (lowest), 0 otherwise
15	SI	Site index
16	SIAGE	Site index base age
17	ADFOR	National Forest System (NFS) Administrative Code if known, 0 otherwise
18	GLUCUR	Ground Land Use of the condition: 20 Timberland, 25 Reserved,
		40 Other forest, 45 Reserved other forest, 60 Nonforest land, 91 Census water
19	GLUOLD	Ground Land Use of the condition, prior survey, 0 otherwise
20	BA	Basal area in sq.ft/ac in 1.0+ inch dbh live trees, -9.9 otherwise
21	SLOPE	Percent slope, -9 otherwise
22	ASPECT	Aspect (0=level or flat when slope is 0), -9 otherwise
23	PHYSIO	Physiographic class, 0 otherwise
24	TREATOP	Treatment opportunity, codes 1-11, 0 otherwise
25	INHIBPC	Percent inhibiting vegetation, -9.9 otherwise
26	NONSTPC	Percent nonstocked, -9.9 otherwise
27	GRSTKPC	Percent growing stock stocking, -9.9 otherwise
28	ALSTKPC	Percent all live stocking, -9.9 otherwise
29	REMPER	Remeasurement period, years between surveys, -9.9 otherwise
30	EXPACR	Area (acres) expansion factor for earth cover
31	EXPVOL	Volume expansion factor
32	EXPGRO	Growth expansion factor for remeasured plots
33	EXPMOR	Mortality expansion factor for remeasured plots
34	EXPREM	Removals expansion factor for remeasured plots
~~35~~	~~LNG~~	~~Decimal degrees, 0.0 if no physical plot (record accounts for area, volume)~~
~~36~~	~~LAT~~	~~Decimal degrees, 0.0 if no physical plot (record accounts for area, volume)~~
37	MDATE	Date measured,YYMM, year and month, 0 if not known
38	PID	State*1000000+county*1000+pltnum
39	SDATE	Survey year
40	BCODE	Bailey Ecological Subregion 6-digit code, see SRS GTR-36
41	PRVNC	Province 3-digit code, see SRS-GTR-36
42	SECTN	Section 2-digit code, see SRS-GTR-36
43	POWNER	Owner class, prior survey, codes as in OWNER, 0 otherwise

44	GLUCURX	Detailed land use for the condition, all records
45	GLUOLDX	Detailed land use for the condition, previous survey, 0 otherwise
"Detailed" land use codes:		20 Timberland, 25 Reserved forest land, 40 Other forest land, 40 Reserved forest land,
GLUCURX, GLUOLDX,		45 Reserved other forest land, 61 Cropland, 62 Improved pasture, 63 Natural rangeland,
GLUCURC1, GLUOLDC1		64 Idle farmland, 66 Other farmland, 67 Urban and other, 68 Marsh, 91 Census water,
		92 Noncensus water, 97 Access denied, 98 Inaccessible/due to environ. conditions
46	BA15	Basal area in sqft/ac in 15.0+ inch dbh live trees, -9.9 otherwise
47	SAP	Sapling density= trees/ac of 1.0 to 4.9 in trees, -9.9 otherwise
48	POLEHWD	Poletimber hwd density = trees/ac of 5.0 to 10.9 in hardwood trees, -9.9 otherwise
49	SAW	Sawtimber density = trees/ac of 11.0 to 20.9 inch dbh, -9.9 otherwise
50	SAWLG	Large sawtimber tree density = trees/ac of 20.9 inches and up dbh. -9.9 otherwise
51	SBE	Scenic beauty based on SAP, POLEHWD, SAW, -999.9 otherwise
52	SBE1	Scenic beauty, based on SAP, POLEHWD, SAW, and SAWLG, -999.9 otherwise.
		Note: SBE and SBE1 not calculated if no trees >1.0 in dbh are present
53	GLUCURC1	Detailed land use at plot center, all plots, -9 if another condition not at plot center
54	GLUOLDC1	Detailed land use at plot center, previous survey, -9 if another condition not at plot center
55	FORSZ1	Forest fragment size class at plot center, in acres, -9 otherwise
		0 if nonforested at plot center but forested in another subplot condition.
		5, 30, 75, 300, 1500, 3750, 8210 acres if forested at plot center
56	RDDIS2	Distance (100s ft) of plot center from nearest improved road, to 5300 ft, -9 otherwise
57	AGRDIS1	Distance (100s ft) of plot center from nearest agric land >10 ac, to 5300 ft, -9 otherwise
58	URBDIS1	Distance (100s ft) of plot center from nearest urban land >10 ac, to 5300 ft, -9 otherwise
59	WTRTYP1	Permanent water type (0 to 6) if WTRDIS2 <999, -9 otherwise
		0 none, 1 = <30ft., 2 = 30-200, 3 = >200 ft, 4 = <4.5 ac, 5 = 4.5 ac+, 6 = other
60	WTRDIS2	Distance of the condition's lowest numbered subplot center from permanent water to
		a distance of 100 feet, 150= 101-200, etc.in 100 ft increments to 1,000 ft;
		999=none w/in 1,000 ft, -9 otherwise. (WTRDIS, prior year surveys, were
		measured in 100s of feet to plot center, with no separation of subplot forest conditions).
61	NIPPSZ	Nonindustrial private owner parcel size of plot center condition, in acres, -9 otherwise
62	NIPPFPC	Percent of NIPPSZ in forest land, -9 otherwise
63	OPERLEQ	Operability for logging equipment: 0 (missing), 1 none, 2 seasonally wet, 3 mixed wet/dry,
		4 broken terrain, 5 perm. water problems, 6 slopes >19%, -9 otherwise
64	HRVMGT1	Primary harvest or management treatment, -9 otherwise
65	HRVMGT2	Secondary harvest or management treatment, -9 otherwise
66	HRVMGT3	Third harvest or mangement treatment, -9 otherwise
HRVMGT codes:		0 none, 1 clearcut, 2 partial, 3 seed tree/shelterwood, 4 commercial thin, 5 TSI,
		6 site prep., 7 artif. reforestation, 8 artif afforestation, 9 natural regen., 10 other cutting
67	DSTRB1	Primary disturbance/change, -9 otherwise
68	DSTRB2	Secondary disturbance/change, -9 otherwise
69	DSTRB3	Third disturbance/change, -9 otherwise
DSTRB codes:		0 none, 1 fire, 2 livestock, 3 diseases, 4 insects, 5 weather 6 animals other than lvstk
70	BURN	Fire evidence (0 none, 1 present), either wild or prescribed, since the last survey
71	LVSTK	Livestock grazing evidence (0 none, 1 present) since the last survey
72	HUMNART	Debris or artifacts associated with human use, -9 otherwise
		0 none, 1 noncombustible, 2 combustible synthetics, 3 combustible organics
73	HUC	8-digit hydrologic unit code, from EPA, for all plots, 0 otherwise
74	SEASON	Season: 0 dormant, 1 growing, -9 otherwise.
75	lonjap	Japanese honeysuckle: 0 absent, 1 present, -9 otherwise
76	puelob	Kudzu: 0 absent, 1 present, -9 otherwise
77	ligspp	Privet spp.: 0 absent, 1 present, -9 otherwise
78	rosspp	Wild rose: 0 absent, 1 present, -9 otherwise
79	ailspp	Ailanthus spp.: 0 absent, 1 present, -9 otherwise

| 80 | pautom | Paulownia tomentosa: 0 absent, 1 present, -9 otherwise |
| 81 | melqui | Melaleuca: 0 absent, 1 present, -9 otherwise |

GLUCURC1 and GLUOLDC1 refer to land use at plot center (condition 1). Variables FORSZ1, RDDIS2, AGRDIS1, URBDIS1, NIPPSZ, NIPPFPC, HUMNART are identical for all forested conditions of the referenced plot.